

FORM PTO-1449 (M dified)

ATTY. DOCKET NO.
TH2189 (US)APPLICATION NUMBER
10/602,989LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use separate sheets if necessary)

APPLICANT
R. E. Paggi et al.FILING DATE
June 24, 2003GROUP ART UNIT
1764

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>gh</i>	AA	2,363,511	11/28/44	Farrington et al.	252	39	
<i>gh</i>	AB	6,348,178	2/19/02	Sudduth et al.	423	235	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>gh</i>	AL	1,013,750 A2	12/21/99	Europe	C10M	141/10		
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>gh</i>	AR	"Impact of Fuel and Oil Quantity on Deposits, Wear and Emissions From a Light Duty Diesel Engine With High EGR," SAE Technical Paper Series No. 2000-01-1913, 22 June 2000, XP002257411
	AS	
	AT	

EXAMINER

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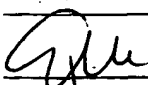
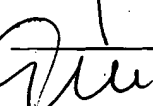
APPLICANT
R. E. Paggi et al.

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,286,482	9/11/01	Flynn et al.	123	435	
	AB	6,296,757	10/2/01	Wittenbrink et al.	208	15	
	AC	3,886,260	5/27/75	Unland	423	213.5	
	AD	4,080,425	3/21/78	Tanaka et al.	423	235	
	AE	4,107,272	8/15/78	Mori et al.	423	239	
	AF	4,208,386	6/17/80	Arand et al.	423	235	
	AG	4,281,533	8/4/81	Eesley et al.	73	15 R	
	AH	4,313,300	2/2/82	Wilkes et al.	60	39.02	
	AI	4,601,799	7/22/86	Froberger et al.	204	181.8	
	AJ	4,638,777	1/27/87	Fanner et al.	123	277	
	AK	4,717,489	1/5/88	Schieman	252	32.7 E	
	AL	4,731,231	3/15/88	Perry	423	235	
	AM	4,793,306	12/27/88	Swain	123	308	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AO						
	AP						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>Alley</i>	BA	4,800,068	1/24/89	Perry	422	173	
	BB	4,883,032	11/28/89	Hunter et al.	123	276	
	BC	4,928,481	5/29/90	Joshi et al.	60	737	
	BD	4,960,059	10/2/90	Berkau et al.	110	347	
	BE	5,087,431	2/11/92	Gardner-Chavis et al.	423	239	
	BF	5,102,566	4/7/92	Fetterman, Jr. et al.	252	32.7 E	
	BG	5,141,657	8/25/92	Fetterman, Jr. et al.	252	32.7 E	
	BH	5,171,462	12/15/92	DeRosa et al.	252	47	
	BI	5,171,558	12/15/92	Gardner-Chavis et al.	423	365	
	BJ	5,199,255	4/6/93	Sun et al.	60	39.02	
	BK	5,189,876	3/2/93	Hirota et al.	60	286	
	BL	5,224,346	7/6/93	Berriman et al.	60	274	
<i>Em</i>	BM	5,233,934	8/10/93	Krigmont et al.	110	345	

FOREIGN PATENT DOCUMENTS							
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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	BO							
	BP							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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	BR	
	BS	

EXAMINER <i>Alley</i>	DATE CONSIDERED 4 Aug 06
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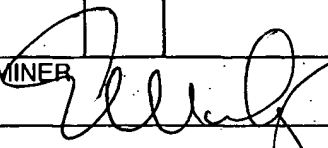
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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
Glu	CA	5,234,670	8/10/93	Gardner-Chavis et al.	423	235	
	CB	5,264,195	11/23/93	Turchan	4232	235	
	CC	5,266,083	11/30/93	Peter-Hoblyn et al.	44	358	
	CD	5,800,782	9/1/98	Hagstrom et al.	422	75	
	CE	6,038,854	3/21/00	Penetrante et al.	60	297	
	CF	6,174,842	1/16/01	Gatto et al.	508	364	
	CG	5,290,325	3/1/94	Kanne et al.	44	400	
	CH	6,074,973	6/13/00	Lambert et al.	502	60	
	CI	6,016,653	1/25/00	Glassey et al.	60	274	
	CJ	5,292,351	3/8/94	DeRosa et al.	44	417	
	CK	5,320,765	6/14/94	Fetterman et al.	252	32.7 E	
	CL	6,165,934	12/26/00	Gardner et al.	502	330	
	CM	6,004,910	12/21/99	Bloch et al.	508	294	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No
	CO						
	CP						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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CS	

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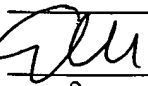

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

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	DA	6,159,911	12/12/00	Katafuchi	508	391	
	DB	5,330,732	7/19/94	Ishibashi et al.	423	213.2	
	DC	5,924,280	7/20/99	Tarabulski	60	274	
	DD	6,161,378	12/19/00	Hanaoka et al.	60	286	
	DE	6,001,152	12/14/99	Sinha	95	58	
	DF	5,980,844	11/9/99	Kharas	423	213.2	
	DG	5,922,295	7/13/99	Chattha et al.	423	213.7	
	DH	5,830,421	11/3/98	Gardner et al.	423	213.2	
	DI	6,056,793	5/2/00	Suppes	44	446	
	DJ	5,960,777	10/5/99	Nemser et al.	123	585	
	DK	6,003,303	12/21/99	Peter-Hoblyn et al.	60	274	
	DL	5,879,645	3/9/99	Park et al.	423	213.2	
	DM	5,787,708	8/4/98	Lane et al.	60	301	

FOREIGN PATENT DOCUMENTS

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							Yes	No
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	DR	
	DS	

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<i>RM</i>	EA	6,093,378	7/25/00	Deeba et al.	423	213.5	
	EB	6,202,407	3/20/01	Brusasco et al.	60	274	
	EC	5,364,606	11/15/94	Hung	423	239.2	
	ED	5,491,256	2/13/96	Derosa et al.	560	132	
	EE	5,472,339	12/5/95	Rakowski et al.	431	171	
	EF	5,422,085	6/6/95	Bell et al.	423	213.5	
	EG	5,453,004	9/26/95	Hofbauer	431	9	
	EH	5,435,283	7/25/95	Zehr	123	306	
	EI	5,426,936	6/27/95	Levendis et al.	60	278	
	EJ	5,522,218	6/4/96	Lane et al.	60	274	
	EK	5,707,596	1/13/98	Lewandowski et al.	423	235	
	EL	5,609,026	3/11/97	Berriman et al.	60	286	
<i>RM</i>	EM	5,555,853	9/17/96	Bowen et al.	123	2	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	EO							
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	ER	
	ES	

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<i>gm</i>	FA	5,661,272	8/26/97	Iannetti	181	256	
	FB	5,523,007	6/4/96	Kristen et al.	252	32.7 E	
	FC	5,746,144	5/5/98	Breen et al.	110	345	
	FD	5,868,112	2/9/99	Mahakul et al.	123	263	
	FE	5,791,139	8/11/98	Atago et al.	60	274	
	FF	5,783,160	7/21/98	Kinugasa et al.	423	237	
	FG	5,766,562	6/16/98	Chattha et al.	423	213.5	
	FH	5,719,107	2/17/98	Oутten et al.	508	185	
	FI	6,274,029	8/14/01	Wittenbrink et al.	208	15	
	FJ	6,276,334	8/21/01	Flynn et al.	123	435	
	FK	6,248,684	6/19/01	Yavuz et al.	502	66	
	FL	6,230,683	5/15/01	zur Loye et al.	123	435	
<i>gm</i>	FM	6,227,221	5/8/01	Schmitz	137	1	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No	
	FL						
	FM						

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<i>See</i>	GA	6,213,105	4/10/01	Banzhaf et al.	123	568.12	
<i>See</i>	GB	6,206,949	3/27/01	Kobayashi et al.	75	460	
<i>See</i>	GC	5,238,589	8/24/93	Pratt et al.	252	51.5 A	
	GD						
	GE						
	GF						
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	GL							
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	GR	
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